GA.	NHSTP-0075-03(203)	322	604	
STATE	PROJECI NUMBER	NO.	SHEETS	
ČTATE	PROJECT NUMBER	SHEET	TOTAL	
		SHEET		

### GENERAL NOTES

SPECIFICATIONS -	- GEORGIA	STANDARD	SPECIFICATIONS,	2001	EDITION,	800S DNA
SUPPLEMENTAL	SPECIFICAT	IONS AS MO	DIFIED BY CONTRAC	T DOCU	MENTS.	

REINFORCING STEEL - PLACE AND TIE ALL REINFORCING STEEL IN ACCORDANCE WITH THE GEORGIA DOT SPECIFICATIONS. DO NOT WELD REINFORCING STEEL.

INCIDENTAL ITEMS - INCLUDE THE COST INCIDENTAL TO THE WORK THAT IS NOT SPECIFICALLY COVERED BY THE GEORGIA STANDARD SPECIFICATIONS, SUPPLEMENTAL SPECIFICATIONS AND/OR SPECIAL PROVISIONS IN THE OVERALL BID SUBMITTED.

POLE LOCATIONS - SEE LIGHTING PLANS.

CASING - CASING SHALL BE REQUIRED TO INSTALL THE DRILLED SHAFTS DUE TO THE PRESENCE OF GROUNDWATER. ADDITIONALLY, A TREMIE PIPE WILL BE REQUIRED TO PLACE CONCRETE IN ALL SHAFT LOCATIONS IF THE EXCAVATIONS CANNOT BE DEWATERED. ALTERNATIVELY, A SLURRY CONSTRUCTION MAY BE CONSIDERED. COST TO BE INCLUDED IN OVERALL FOUNDATION PRICE BID.

### DESIGN DATA

SPECIFICATIONS AASHTO STANDARD SPECIFICATIONS FOR STRUCTURAL SUPP	ORTS
FOR HIGHWAY SIGNS, LUMINAIRES, AND TRAFFIC SIGNALS, 5TH EDI	TION
CONCRETE CLASS A, f'c = 3,000	PSI
REINFORCEMENT STEEL: fy = 60,000	PSI
WIND SPEED: 90	MPH

## SUMMARY OF QUANTITIES PER 20 FOOT FOUNDATION-17 LOCATIONS

PAY ITEM NUMBER	QUANTITY	UNIT	PAY ITEM
500-3101	10	СҮ	CLASS A CONCRE
511-1000	1438	LB	BAR REINF STEEL

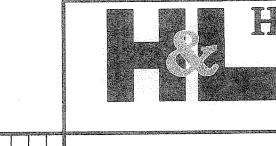
## SUMMARY OF QUANTITIES PER 25 FOOT FOUNDATION-6 LOCATIONS

PAY ITEM NUMBER	QUANTITY	<u>UNIT</u>	PAY ITEM
500-3101	12	CY	CLASS A CONCRET
511-1000	1800	LB	BAR REINF STEEL

## NOTES:

- 1. MAX HEIGHT OF LIGHT POLE = 110'
- 2. DRILLED SHAFTS ARE DESIGNED FOR AN ALLOWABLE END BEARING CAPACITY OF 4 KSF
- 3. ANCHOR BOLTS NOT SHOWN. ANCHOR BOLTS TO BE PROVIDED BY LIGHT POLE MANUFACTURER.
- 4. COORDINATE CONDUIT WITH REBAR LOCATIONS. SEE LIGHTING PLANS.

P.I. NO. 610870



# Heath & Lineback Engineers INCORPORATED 2390 CANTON ROAD, BUILDING 200 MARIETTA, GEORGIA 30066-5393 (770)424-1668

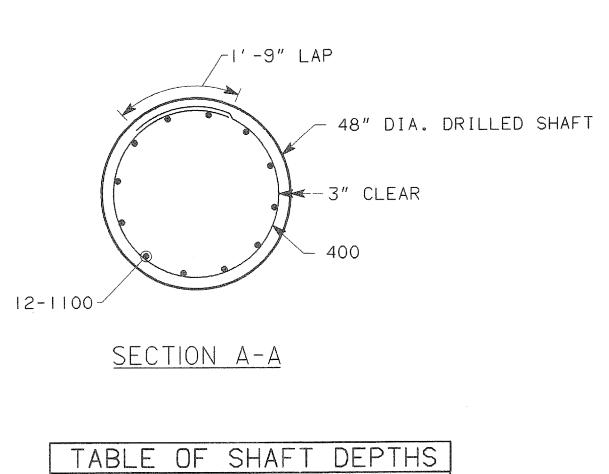
GEORGIA DEPARTMENT OF TRANSPORTATION ENGINEERING DIVISION-OFFICE OF BRIDGES AND STRUCTURES

HIGH MAST LIGHTING FOUNDATION DETAILS CR 65 (UNION GROVE ROAD) OVER 1-75 GORDON COUNTY

NHSTP-0075-03(203)

DRAWING NO. 25 - 16 AUGUST 2011 SCALE: 1/2'' = 1''CHECKED BKA / MS
DESIGN GROUP EJC REVIEWED W.E.I./W.M.D. LIGHTING SHEET 16 OF 31 <u>JRL</u> APPROVED BFR

I INCH WHEN PRINTED FULL SIZE



HIGH MAST LIGHT (DESIGN BY OTHERS)

12-1100

4'-0" DIA.

SEE NOTES 3 & 4

₹3″ CLEAR

— 6" CLEAR

	LACT DEDTILO
TABLE OF SI	HAFT DEPTHS
LIGHT NO.	<u> </u>
S-01	20
S-02	20
S-03	20
S-04	20
S-05	25
S-06	25
S-08	25
S-12	25
S-17	20
S-21	20
S-02 S-03 S-04 S-05 S-06 S-08 S-12 S-17 S-21 S-21 S-22 S-23 S-24 S-25 S-25 S-26 S-27 S-33	20 20 20 25 25 25 25 25 20 20 20 20 20 20 20 20 20
S-23	20
S-24	25
S-25	20
S-26	20
S-27	20
S-33	20
S-37	20
S-39	25
S-40	20 25 20 20 20 20 20
S-41	20
S-42	20
S-37 S-39 S-40 S-41 S-42 S-43	20

	NO.	14 A DIC	LENGTH		NO.	T Y	A	$ olimits_{\sim} oli$	B		C		D								<u> </u>	K	1	0
LOCATION	OF LOC.	MARK	FT. I	N. F	BARS REQ'D.	Р <u>Е</u>	A		FT.	IN.	FT.	IN.	FT.	IN.	FT.	IN.	FT.	IN.	FT.	IN.	FT. IN	FT.IN	-   '	
EACH 20 FOOT FOUNDATION	17							Andrew California Anna D				······································						and the second s						
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EACH 25 FOOT FOUNDATION	6					nana Formania (cor sunta			Many and the state of the state					OTRECO FEDERAL PROGRAMMENT CONTROL		endergen and a succession of the		Neglijako <del>Norvovo o</del>						
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